



PLATEFUGE™
MICROPLATE MICROCENTRIFUGE

- + Quickly spins down droplets in PCR plates
- + Unique rotor design prevents sample spillage (Patented)
- + Accepts all popular PCR plates (skirted, semi and non) and most microtiter plates
- + Less than half the size of traditional centrifuges

Benchmark's PlateFuge™ is the first "mini" sized centrifuge with a swing out rotor for microplates. Centrifugation of plates before PCR ensures all reactants are in the bottom of the wells for optimized concentrations and improved yields.

In spite of its remarkably small footprint (23 x 26 cm), the PlateFuge™ includes a uniquely designed, swing out rotor (patented) capable of securing two microplates. The easily accessible rotor chamber includes two plate carriers that rest at a 75° angle. This allows plates to be inserted confidently without sealing tapes or caps. Upon closing the lid of the centrifuge, the rotor accelerates and the centrifugal force "swings" the plates into a horizontal position. Any droplets on the walls of the plate, quickly concentrate into the well bottoms.

With a g-force of 600 xg, most samples can be spun down in less than 20 seconds. To end a run, simply open the lid and the automatic, electronic brake brings the rotor to a quick, smooth stop in about 4 seconds. Plates can then be easily removed from the rotor.



Before & after centrifugation (angled position)



During centrifugation (horizontal position)

Technical Data:

Speed:	2550 rpm / 600 xg
Capacity:	2 x 2 PCR plates* 2 x microtiter plates (up to 25 mm) 24 x 0.2 ml PCR strips
Deceleration:	4 seconds
Dimensions: (W x D x H)	23 x 26 x 19.7 cm
Weight:	4.1 kg
Electrical:	230V, 50-60 Hz, 250W
Warranty:	2 Years

*When stacking skirted PCR plates, max. capacity is 4 plates.

Ordering Information:

Item No.	Description:
55C2000-E	PlateFuge Microplate Centrifuge with rotor and plate carriers
55C2000-A02	Tube adapter, holds 96 x 0.2 ml or 8 and 12 position PCR strips, 2/pk.
55C2000-DWMP	Optional rotor with carriers for deep well plates up to 35 mm tall (speed: 1500 rpm)